

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3392545
<b>Application Number:</b>	10786856
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	3630
<b>Title of Invention:</b>	Method and apparatus for utilizing channel state information in a wireless communication system
<b>First Named Inventor/Applicant Name:</b>	Fuyun Ling
<b>Customer Number:</b>	23696
<b>Filer:</b>	Ross L Franks/Teresa Hayes
<b>Filer Authorized By:</b>	Ross L Franks
<b>Attorney Docket Number:</b>	010104C1
<b>Receipt Date:</b>	02-JUN-2008
<b>Filing Date:</b>	24-FEB-2004
<b>Time Stamp:</b>	23:15:53
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	4418
Deposit Account	170026
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	010104C1_2008-06-02_IDS_Signed.pdf	1258907	no	4
			26c2e6c3267ba16366345c5682a6a4056cfa7a1f		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	Foreign Reference	JP11-355373.pdf	351169	no	1
			afe75c4fe315b0ddd84e14aca4abeceb57223cca		
Warnings:					
Information:					
3	NPL Documents	Simulation_Results_for_an_I nterference_Limited_Input_G TC.pdf	1667748	no	3
			1f4859e4be53dbe4f62ebb8727ae08ab0df77250		
Warnings:					
Information:					
4	NPL Documents	Simulation_Results_for_an_I nterference_Limited_Input_I EEE_Comm_Letters.pdf	530778	no	3
			2d908bebc7c39950d248eab6e727c06b7e49e000		
Warnings:					
Information:					
5	NPL Documents	System_performance_of_ED GE_a_proposal_for_enhanc ed_data_rate.pdf	594948	no	6
			0abe7821ea5502b932e1486b060bb593510ccaa5		
Warnings:					
Information:					
6	NPL Documents	Improving_BLAST_performa nce_using_space-time_block _codes_and_turbo_decoding _IEEE.pdf	424337	no	5
			e4c9e5f752c4d13065ca5197ce38415098de5ca6		
Warnings:					
Information:					
7	NPL Documents	ISR_PCT_US02_008733_IS A_EPO.pdf	184501	no	5
			df5796ee3a2fa80a124bfa0f0f0011af93e44513		
Warnings:					
Information:					
8	Fee Worksheet (PTO-06)	fee-info.pdf	8205	no	2
			c60d11d8083931ec0e4d752c49ea72967c76129d		
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.